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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/737,200	12/15/2003	Steve Dispensa	PN1-001US	9098
43581 7590 01/28/2008 CAVEN & AGHEVLI LLC 9249 S. BROADWAY BLVD UNIT 200-201 HIGHLANDS RANCH, CO 80129			EXAMINER BURGESS, BARBARA N	
			ART UNIT 2157	PAPER NUMBER
			MAIL DATE 01/28/2008	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/737,200

Applicant(s)

DISPENSA ET AL.

Examiner

Barbara N. Burgess

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 November 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 4-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 4-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
- Paper No(s)/Mail Date _____

- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

This Office Action is in response to Amendment filed November 6, 2007. Claims 1-3 have been cancelled as requested by Applicant. Claims 4-18 are newly added and presented for initial examination.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 4-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Araujo et al. (hereinafter "Ara", US Patent Publication 2003/0191799 A1).

As per claim 4, Ara discloses a system to provide remote computing client access to resources provided by at least one server in at least one target computing network, comprising:

a point-of-presence node communicatively connected to the at least one target computing network (paragraphs [0029-0030, 0060-0061], Ara teaches a Virtual Office Server (point-of-presence node) connected to a LAN (target computing network);

at least one Internet Protocol Security concentrator resident in the point of presence node (paragraphs [0060-0061, 0063, 0069], Ara teaches the Virtual Office Server having an SSL and firewall/router for providing secure, remote, web-based access);

at least one access server resident in the point of presence node, wherein the access server comprises a virtual private network module which implements a secure communication channel between the remote computing client and the at least one server in the target communication network (paragraphs [0009, 0027, 0057, 0060-0061], Ara teaches a Virtual Office Server providing the user with a "virtual office". The user is provided a secure, remote connection to various office processing applications. The user must provide username and password to logon to virtual office capability).

As per claim 5, Ara discloses the system of claim 4, wherein the remote computing device comprises a virtual private network module which cooperates with the virtual private network module resident in the point of presence node (paragraphs [0059, 0064, 0088]).

As per claim 6, Ara discloses the system of claim 5, wherein:

the virtual private network module in the remote client communicates with the virtual private network module in the access server using a message exchange mode (paragraphs [0088-0089]);

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the virtual private network module in the remote client receives application layer data from at least one application executing on the remote client (paragraphs [0089, 0096]).

As per claim 7, Ara discloses the system of claim 6, wherein the virtual private network module in the access server implements a proxy client for at least one application executing on the remote computing device (paragraphs [0061, 0063, 0100]).

As per claim 8, Ara discloses the system of claim 5, wherein the virtual private network module in the remote client and the virtual private module in the access server establish an encrypted communication channel between a specific application executing on the remote client and the point of presence node (paragraphs [0063-0064]).

As per claim 9, Ara discloses the system of claim 8, wherein the virtual private network module in the remote client:

generates a first encryption data set comprising a public portion and a private portion (paragraphs [0025, 0069, 0077]);

transmits the public portion of the first encryption data set to the virtual private network server in a session set-up message (paragraphs [0025, 0069, 0077]).

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As per claim 10, Ara discloses the system of claim 5, wherein the remote computing device further comprises a reconfiguration system module which collects system configuration data relating to the remote computing device, generates a system configuration file, and stores the system configuration file in a memory module in the remote computing device (paragraphs [0063, 0069]).

As per claim 11, Ara discloses the system of claim 10, wherein the at least one access server comprises:

a central policy manager module that establishes configuration policies for one or more remote clients that access resources via the virtual private network server (paragraphs [0063, 0069]);

a reconfiguration system module that cooperates with the reconfiguration system module in the remote computing device to impose configuration changes on the remote computing device (paragraphs [0069]).

As per claim 12, Ara discloses the system of claim 10, wherein the reconfiguration system implements an atomic reconfiguration process on the remote computing device (paragraph [0085]).

As per claim 13, Ara discloses the system of claim 5, wherein the remote computing device comprises a local proxy module that emulates an HTTP proxy server (paragraphs [0129, 0134]).

As per claim 14, Ara discloses the system of claim 10, wherein the remote computing device comprises a client application tunneling module, wherein the client application tunneling module extracts destination IP addresses and port numbers from communication packets and invokes the reconfiguration system module to reconfigure a name-to-address mapping for communications between the remote computing device and an application executing on a remote server (paragraphs [0076-0077]).

As per claim 15, Ara discloses the system of claim 5, wherein at least one server in the point of presence node further comprises a network address translation module that performs network address translation on incoming and outgoing packets to enable remote access to resources on one or more networks outside the target computing network (paragraphs [0030, 0066, 0072]).

As per claim 16, Ara discloses the system of claim 15, wherein the network address translation module automatically determines a network configuration for the target network (paragraphs [0072, 0076]).

As per claim 17, Ara discloses the system of claim 5, wherein:

the at least one access server comprises a first network backup module (paragraph [0073]);

the remote computing device comprises a second network backup module (paragraph [0093]);

the first network backup module and the second network backup module cooperate to back up and restore one or more files from the remote access server (paragraphs [0093, 0097]).

As per claim 18, Ara discloses the system of claim 17, wherein the first network backup module maintains incremental backups of files used by the remote computing device (paragraph [0073]).

Response to Arguments

3. Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

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Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Barbara N. Burgess whose telephone number is (571) 272-3996. The examiner can normally be reached on M-F (8:00am-4:00pm).

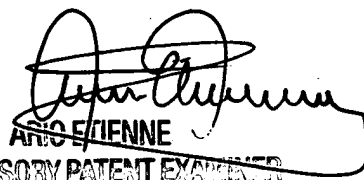
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Ettinene can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

January 22, 2008

Barbara N Burgess
Examiner
Art Unit 2157


ARLETTE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER